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QUARTERLY BULLETIN
OF THE
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BULLETIN TRIMESTRIEL DE L'ASSOCIATION
INTERNATIONALE DES BIBLOTHECAIRES
ET DOCUMENTALISTES AGRICOLES

VIERTELJAHRSSCHRIFT
DER INTERNATIONALEN GESELLSCHAFT
LANDWIRTSCHAFTLICHER BIBLIOTHEKARE &
DOKUMENTALISTEN

BOLETIN TRIMESTRAL
DE LA
ASOCIACION INTERNACIONAL
DE BIBLIOTECARIOS Y DOCUMENTALISTAS AGRICOLAS

Editor
Rédacteur-en-chef
Schriftleiter
Director

D. H. BOALCH
Rothamsted Experimental Station
Harpenden, Herts., England

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LIBRARY CO-OPERATION IN SCANDINAVIA

BY

MAJLIS TULANDER, *Helsinki*

In August 1956, a Scandinavian library congress was held at Turku (Åbo), Finland. In connection with this congress the librarian Vibeke Ammundsen put forward the idea of co-operation between Scandinavian agricultural libraries. Her idea is based on the Farmington plan, well known in the Western world. She suggested that the periodicals from the peripheral countries should be divided between the different Scandinavian libraries. A committee was appointed to study the question. Unfortunately two members, Vibeke Ammundsen and Lars Frykholm left it later. After that the committee met again in a new and strengthened form in Copenhagen on 9 September 1957, in order to consider the plan further.

At the meeting there were present the librarians Astrid Guilletmot from Uppsala and Gunborg Björkman from Stockholm, Sweden, Borghild Bjørlykke from Vollebekk, Norway, Gerda Overgaard-Nielsen from Copenhagen, Denmark, and Majlis Tulander from Helsinki (Helsingfors), Finland. Miss Overgaard-Nielsen arranged the meeting and Miss Tulander called the members together.

It was decided that the division would concern only peripheric periodicals and serials, and not books at all. The best and most practical basis of division would be the geographical or the linguistic one. This basis is better than the systematic one, because every special library in any case takes care of its own field. The meeting suggested that the peripheral countries of Europe should first be divided up as an experiment on a small scale. After some years, when the libraries would already have some experience of the system, a new conference would be held and possible improvements considered. The division could then also be enlarged to cover other parts of the world. The following plan was made:

Portugal Spain	}	Denmark	Poland Rumania	}	Norway
Eire Czechoslovakia Bulgaria Greece	}	Sweden	Yugoslavia Hungary Russia	}	Finland

The library into whose charge a certain country has been given, undertakes 1) to follow up the periodical literature of this country, and to collect it either by buying - without any obligation of buying - or through exchange or gifts, 2) to receive and to keep in store the periodicals of the countries in question which were previously in other Scandinavian libraries. The libraries may - but are not forced to - give away these periodicals in order to save work and space.

This arrangement should not, however, prevent the libraries from continuing their old exchanges of publications or from starting new exchange relations. If, for example, the Norwegian College of Agriculture wants to see its publications distributed in Spain, or if a Spanish institute suggests to Norway an exchange of publications, this need not present difficulties because it is Denmark that is in charge of the Spanish periodicals. Norway collects the numbers as they come, and sends the complete volume or part to Denmark.

As a first practical measure, the co-operating libraries are to send their periodicals relative to the scheme to the depository library, and put at each others' disposal the catalogue entries on cards, so that they can easily be added to the existing catalogue relevant to the periodicals in question.

If there are many special agricultural libraries in the country or if there are two general libraries in the field, the task is to be divided between them.

Through this co-operation the Scandinavian libraries hope to rationalize their work and to increase its effectiveness. The plan is, however, still at the preparatory stage, the libraries inside each country making contact with each other. But when the plan has been tried out in practice and improvements made to it, it should turn out to be of great value in the saving both of labour and of the modest resources at the disposal of the libraries.

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THE LIBRARY OF THE TOBACCO RESEARCH BOARD OF RHODESIA AND NYASALAND

BY

D. L. IVEY

(formerly Librarian to the Board)

Tobacco is the second largest export from the Federation of Rhodesia and Nyasaland. The Federal capital, Salisbury, is also the principal tobacco marketing centre. Research on tobacco culture is therefore of great national importance.

Tobacco research in Southern Rhodesia began on a limited scale early in the country's history. In 1904, the British South Africa Company, realizing the possibilities of tobacco cultivation, sent an agriculturist to the United States to study methods practised by the American farmer. After this beginning research continued spasmodically, mainly under the control of the Southern Rhodesia Department of Agriculture. In 1934 a Tobacco Research Station was established at Trelawney, some seventy miles from Salisbury, followed in 1935 by the establishment of a Tobacco Advisory Board. With the passing of the Tobacco Research Act in 1938, this Board became a statutory research board, with a considerable increase in its administrative powers.

It was not until 1950, however, that the Tobacco Research Board of Southern Rhodesia was established, becoming in 1955, as a result of Federation, the Tobacco Research Board of Rhodesia and Nyasaland. The main financial support for this new Board was obtained from the Rhodesia Tobacco Association (a commodity association of the Rhodesia National Farmers' Union) and a government grant.

The headquarters of the Board and its research station are located at Kutsaga about ten miles from Salisbury, with Trelawney now as a branch station. It may be significant that the name is derived from the Mashona word *kutswaga*, meaning 'to seek'.

When the central Research Station at Kutsaga was established a library was considered an essential part of the organization in order to keep the staff informed of developments by other scientists. The library was established early in 1954 following the appointment of its first librarian, starting in a small room to which members of staff had access at all times. A classification scheme was introduced, new periodicals and standard works ordered, and many contacts for the exchange of publications with research institutions in other countries

established. Through the kindness of other libraries it was possible to obtain the back numbers of many periodicals. Within a year it was necessary to appoint a full time assistant. Extension to the main building had already been planned with one wing devoted to a new library, which was opened in September 1956.

There is no separate library established at the Trelawney Station. A small collection of standard works in the various sciences is housed there on permanent loan and this collection is enlarged from time to time in response to suggestions by the Trelawney staff. A comprehensive selection of the periodicals received is circulated to Trelawney weekly and, at the same time, delivery of any special requests for books or other periodicals and bulletins is made.

Cataloguing and Classification

The scheme selected was the Universal Decimal Classification, in particular the enlargement prepared by the Imperial Agricultural Bureaux in its *Memorandum on the Use of the Universal Decimal Classification*. The classified catalogue was adopted as a subject catalogue, ancillaries of which are a subject index, an author and a title catalogue. The cataloguing form followed is the Anglo-American code.

The library participates in the Union Catalogue of the State Library, Pretoria, by sending duplicate cards of books, bulletins and new periodicals received. Through the inter-library loan scheme of the State Library it is possible to draw on the bookstocks of all the important libraries in the Union of South Africa for those publications which cannot locally be borrowed.

Bookstock

Although tobacco is the main concern, the library bookstock of approximately 3,000 volumes also includes many dealing with other subjects. Tobacco is often mentioned in general textbooks and these references, if sufficiently important, are noted in the catalogue. All related science sections are therefore built up, such as chemistry, genetics, entomology, soil science, etc. As in most specialist libraries where up-to-dateness is of vital importance, the bulk of the bookstock consists of periodicals. Approximately 250 titles are received, mainly by purchase, but also by gift and exchange. All the important periodicals are locally bound and those of less permanent value are boxed in pamphlet cases.

The library is fortunate in receiving the bulletins and publications of many other agricultural and tobacco research stations, such as the North Carolina Agricultural Experiment Station, which form a most important part of the bookstock. A number of pamphlets are received from various sources and are housed in steel filing cabinets.

All pamphlets, both old and new, dealing with tobacco are in the process of being recorded in the author and classified catalogues, while others, unless especially noteworthy, are merely filed under fairly broad subject headings.

The current position of tobacco in the world's markets is of interest to those engaged in tobacco research. The library is able to provide information on world prices, production, imports and exports, as well as the position of the Federation in relation to other tobacco-growing countries. A recent acquisition has been a few of the early 'classic' works on tobacco-growing and diseases, which form the very small nucleus of a collection on the history of tobacco cultivation.

Periodicals Analysis and Monthly Lists

All periodicals when received are searched for articles on tobacco, which are indexed in both the author and the classified catalogues so that every aspect of the subject is brought out. Bibliographical aids such as the *U.S. Department of Agriculture Bibliography of Agriculture* and the *Agricultural Index* are helpful but not sufficient, owing to the time-lag and the incomplete coverage of periodicals. This aspect of the work is most important because of dependence on periodical matter relevant to detailed presentation of the problems of tobacco production.

However, the search is not confined only to articles dealing specifically with tobacco. In looking through new periodicals as they arrive, a note is made on cards of every article which by application may be of use to research workers - e.g. on pesticides, chemical analysis, plant growth substances, genetics, etc. Once a month these are compiled into a list arranged under broad subject headings, together with a list of accessions, and a copy sent to each member of the research staff.

Photographic Collection

There is also a large collection of coloured slides and photographs taken by research staff of various field experiments. The coloured slides are used at farmers' meetings organized by staff to illustrate points discussed, and photographs are used to illustrate articles and bulletins of the work done at the Station.

Research Station Publications

Finally the library is the dissemination centre for all publications produced by the Tobacco Research Board. These publications are sent to every tobacco farmer in the Federation as well as to representatives of various countries, other libraries, research stations, colleges and universities. In addition, it is the responsibility of the library

to distribute to other institutions, on an exchange basis, the periodical review *Rhodesian Tobacco*, published by the Rhodesia Tobacco Association.

Whom does the library serve? First and foremost, the members of the research staff on the Station. An attempt is made to build up the bookstock in relation to the actual research carried out by the Board. The periodicals ordered are those best suited to their specialized subjects. It is of constant importance to keep staff in contact with the latest developments elsewhere, for scientific advance on the Station will ultimately benefit the farmers in the Federation and therefore the economy of the country as a whole. This does not mean that the Tobacco Research Board is a closed institution. The library is open to all who are interested or require assistance, whether they be farmers, conservation officers, visiting tobacco experts or local agronomists. A large concentration of knowledge on tobacco in Central Africa is to be found in the library, and the Board is eager that this knowledge should be used as widely as possible.

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A SHORT NOTE ON A RECENT MEETING OF 'IACDOCTERPAS' IN PARIS

Having had the opportunity of being present as an observer on behalf of our Association at the recent meeting of the International Advisory (to UNESCO) Committee on Documentation and Terminology in Pure and Applied Sciences (IACDOCTERPAS), I should like to tell our members about a few points in the discussions and conclusions.

1. Authors abstracts for abstract journals are to be discouraged.
2. Signing of abstracts is generally appreciated.
3. Five year indexes of abstract journals are to be sponsored, but it is understood that such indexes are only feasible with the introduction of a certain amount of mechanization.
4. There is a general feeling that 'reports' are still poorly covered by abstracting services.
5. Special classifications are becoming more numerous than ever. It is asked if UNESCO could not envisage the publication of a guide to such classifications. This might finally lead to uniform patterns in general sections of the different classifications.
6. The policy of selection of material by editors of abstract journals is still unbalanced and in most cases not well organized on definite lines.
7. Standardization of punched cards is highly advisable.
8. The existing convention for easy transportation of documentary material across frontiers has in many cases not worked up to now.
9. A national bibliographical control and registration of the births and deaths of periodicals and serials could provide a starting-point for further action.
10. Double publication still occurs to a considerable degree, especially in proceedings of congresses and conferences.
11. Copyright difficulties as regards photocopying could be lessened by:
 - a. authors making conditions about free photocopying when handing in their papers to editors of periodicals.
 - b. libraries charging either nothing or the equivalent of the cost of the complete issue of the periodical.
 - c. publishers themselves making available photocopies of their publications, including separate articles in periodicals.

TH. P. LOOSJES

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(1 November 1957)

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Nigeria

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C. W. S. Hartley, Esq., Director, W. African Institute for Oil
Palm Research, near Benin City.

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Librarian, Department of Agriculture & Stock.

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Perth

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Austria

Vienna

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The Library, Rijkslandbouwhogeschool, Coupure-links 233.

Library, Rijksstation v. Entomologie, Coupure-links 233.

Rijksstation voor Kleinveeteelt, Dorp, 5 Gontrode.
Library, Rijksstation v. Plantenziekten, Coupure-links 233.
Library, Rijksstation v. Sierplantenveredeling, Coupure-links 233.
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Ottawa

Dept. of Agric., Science Service Bldg.

Quebec

The Library, Macdonald College.

Victoria

Forest Service Library, B.C. Forest Service, Parliament Bldgs.

Winnipeg

Librarian, Periodicals Dept., University of Manitoba Library.

Ceylon

Peradeniya

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Praha

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Czechoslovak Academy of Agric., Central Agric. Library, Slezska Ulice 7.

Denmark

Copenhagen

Library, Royal Veterinary & Agricultural College.

Finland

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Bogor

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Israel

Haiifa

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Centrum voor Landbouwdocumentatie, General Foulkesweg 1A.
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Library, Instituut voor Veredeling van Tuinbouwgewassen (In-
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Wellington

National Library Service.

Norway

Vollebekk

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Peru

Lima

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Poland

Olsztyn

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Portugal

Lisbon

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Kgl. Lantbrugshögskolan.

Miss A. Guillemot, Kungl. Lantbrukshögskolans Biblioteket.

Switzerland

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Bibliothek, Schweizerische Bauernsekretariat.

Lausanne

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Zurich

The Library, Eidg. Technische Hochschule, Leonhardstr. 33.

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United Kingdom

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Fisons Pest Control Ltd.

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Librarian, National Institute of Agricultural Botany, Hunting-
don Road.
Library, School of Agriculture, Downing Street.

East Malling

Librarian, Research Station, nr. Maidstone.

Edinburgh

Mrs. D. M. Robertson, Librarian, Commonwealth Bureau of
Animal Breeding & Genetics, 35 Ladysmith Road.

Felixstowe

Head Office Library, Fisons Limited, Harvest House.

Glasgow

The Library, West of Scotland College of Agriculture, 6, Blyths-
wood Square.

Harpenden

The Library, Rothamsted Experimental Station.
H. Greene, D. Sc., Rothamsted Experimental Station.
Dr. P. Murphy, Entomology Department, Rothamsted Experi-
mental Station.

Hurley, Berks

The Librarian, Grassland Research Institute.

Jealott's Hill

Librarian, I.C.I. Ltd. Central Agricultural Control, Jealott's Hill Research Station, Bracknell, Berks.

Levington

Library, Levington Research Station (Fisons Ltd), Levington, near Ipswich.

London

Mr. D. C. Henrik Jones, Library Association, Chaucer House, Malet Place, W.C.1.

Science Library, British Council, 65, Davies Street, W.1.

Library, Colonial Products Laboratory, Imperial Institute, S.W.7.

Leonard Hill Ltd., Stratford House, 9, Eden Street, N.W.1.

Library, Ministry of Agriculture, Whitehall Place, S.W. 1.

Librarian, National Farmers Union, Agriculture House, 25-31, Knightsbridge, S.W.1.

Patent Office Library, W.C.2.

Librarian, Royal College of Veterinary Surgeons, 9/10, Red Lion Sq., W.C.1.

Science Museum Library, Library Accessions Dept., S.W.7.

Marlow

A. G. G. Hill, Esq., The Cedars, Little Marlow Rd., Bucks.

Nottingham

Miss M. Exley, Chief Research Librarian, Boots Pure Drug Co. Ltd., Station Street.

Oxford

Librarian, Imperial Forestry Institute, South Parks Rd.

Rustington, Sussex

Glasshouse Crops Research Institute, Worthing Road.

Saffron Walden, Essex

Librarian, Technical Information Department, Chesterford Park Research Station, (Fisons Pest Control Ltd.).

Shinfield, Berks

Miss D. Knight, National Institute for Research in Dairying.

Silsoe, Beds

National Institute of Agricultural Engineering, Wrest Park.

Stoke Poges, Bucks

Glaxo Laboratories Ltd., Fermentation Research Division, Sef-ton Park.

Sutton Bonington, Leics

Librarian, University of Nottingham School of Agriculture.

Wye

Library, Wye College, Ashford, Kent.

United States of America

Alabama

Serials Section, Main Library, Alabama Polytechnic Institute, Auburn.

California

Mr. C. Parker Chiapella, Assistant Librarian, Giannini Foundation of Agricultural Economics, University of California, Berkeley.

Serials Department, General Library, University of California, Berkeley 4.

Los Angeles Public Library, Serials Division, 630 West 5 Street, Los Angeles 17.

Librarian, Agricultural Research Division, Shell Development Co., PO Box 1531, Modesto.

Library, University of California, Davis.

Colorado

Colorado A & M College Library, Fort Collins.

National Farmers Union, 1575 Sherman St., Denver 3.

Library, Shell Development Company, Agricultural Research Division, PO Box 2171, Denver 1.

D.C.

Miss L. O. Bercaw, 3710 Fulton St., N.W., Washington 7.

Miss Elinor E. Dunnigan, 5295 Colorado Avenue, N.W. Washington 11.

Miss E. Hareide, 1301, Fifteenth St. N.W., Washington 5.

Mrs. J. M. Holmes, 6630, 7th St. N.W., Washington 12.

Library of Congress, Washington.

Mrs. R. W. Moats, 5609, Harwick Rd., Washington 16.

Library, U.S. Dept. of Agriculture, Washington 25.

Mr. F. E. Mohrhardt (Personal), c/o U.S. Department of Agriculture Library, Washington 25.

Miss B. E. Schachtmann, 1414, Whittier St. N.W., Washington 12.

Florida

Mr. H. M. Spelman, The Library, Everglades Experiment Station, University of Florida, Belle Glade.

Georgia

Mrs. Edna H. Olson, Librarian, Agricultural Experiment Station, Experiment.

Hawaii

Librarian, Experiment Station of the Hawaiian Sugar Planters Association, Honolulu.

Illinois

John Crerar Library, 86 East Randolph Street, Chicago 1.
Serials Department, University of Illinois Library, Urbana.

Indiana

Indiana State Library, 140 N. Senate Ave, Minneapolis 4.

Iowa

Library, Iowa State College, Ames, Iowa.
Miss F. J. Flick, Bureau of Labour and Management, 15 MacBride Hall.

Louisiana

Louisiana State University Library, Baton Rouge 3.
Miss D. B. Skau, USDA Library (New Orleans Branch),
Southern Utilization and Development Division, 2100 Robert
E. Lee Blvd., New Orleans 24.

Maryland

Mr. F. F. Armstrong, 4201, Oglethorpe St., Apartment 102,
Hyattsville.
Mr. O. M. Chipley, 5806 Wilson Lane, Bethesda.

Massachusetts

Massachusetts Horticultural Society, 300 Massachusetts Ave,
Boston 15.

Michigan

University of Michigan Library, Ann Arbor.

Minnesota

Agricultural Library, University of Minnesota, University Farm,
St. Paul.
Research Lab., Gargill Inc., 200 Grain Exchange, Minneapolis
15.

Montana

Montana State College Library, Bozeman, Montana.

Nebraska

Librarian, College of Agriculture, University of Nebraska, Lincoln 3.

New Hampshire

Library, University of New Hampshire, Durham.

New Jersey

Dr. W. E. Houk, 228 Sunset Ave., Hightstown.

New Jersey Agric. Experiment Station, New Brunswick.

Rutgers University, New Brunswick.

New Mexico

College Library, New Mexico College of Agriculture & Mechanic Arts, State College.

New York

Library Service Library, 606, Butler Library, Columbia University, N.Y. 27.

Librarian, New York Botanical Garden, Bronx Park, New York 58.

New York State Library, Albany.

Library, State University College of Forestry, Syracuse University, Syracuse 10.

New York State Agric. Exp. Station, Geneva.

North Carolina

Mr. P. J. Kramer, Botany Department, Duke University, Durham.

Ohio

Librarian, Ohio Agricultural Experiment Station, Wooster.

Pennsylvania

Miss S. W. Parker, 306, North 35 St., Philadelphia 4.

Pennsylvania State University Agricultural Library, 101 Patterson Hall, University Park.

Puerto Rico

College of Agriculture & Mechanic Arts, Mayaguez.

Agricultural Experiment Station (Univ. of Puerto Rico), Box 516, Rio Piedras.

South Carolina

Clemson College Library, Clemson.

South Dakota

College Library, South Dakota State College of Agriculture & Mechanic Arts, Brookings.

Tennessee

U.S. Atomic Energy Commission, c/o Union Carbide Nuclear Company, PO Box 8, Oak Ridge.

Texas

Mr. M. V. Krenitsky, Assistant Librarian, Agricultural & Mechanical College, College Station.
Agricultural & Mech. College, College Station.
Mr. C. R. Callan, Agric. Reference Librarian, Agricultural and Mech. College, College Station.

Virginia

Library, Virginia Polytechnic Institute, Blacksburg.
Mr. G. W. Kahler, 3513, Valley Drive, Alexandria.
Mrs. M. S. Bryant, 904, North Wayne St., Arlington 1.
Mr. K. B. Payne, 6524, 35th Rd. Nth. Arlington 13.
West Virginia University Library, Morgantown.

Washington

Mr. F. E. Orton, Holland Library, State College of Washington, Pullman.

Venezuela

Maracay

Dr. C. Bonfanti, Apartado 4579, Maracay.

West Indies

Jamaica

Chief Technical Officer, Ministry of Agriculture and Lands, Hope, Kingston.

Trinidad

Library, Imperial College of Tropical Agriculture, St. Augustine.
Caribbean Commission, Central Secretariat, Kent House, Port-of-Spain.

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LIST OF WORKING COMMITTEES OF THE I.A.A.L.D.

1. *Working Committee on the Bulletin*
Chairman: D. H. Boalch, Harpenden
Members: S. von Frauendorfer, Wien
W. Gleisberg, Willinghusen bei Hamburg
H. Jenssen, Rome
Th. P. Loosjes, Wageningen
A. Martinez, Turrialba
L. H. Mila, Paris
W. Powell, Ithaca, New York
2. *Working Committee on Agricultural Bibliography*
Chairman: J. R. Blanchard, Davis, California
Members: D. Akenhead, East Malling
Celestino Bonfanti, Maracay, Venezuela
Mrs G. Duprat, Paris
L. Frykholm, Uppsala
R. Lauche, Braunschweig
3. *Working Committee on Classification*
Chairman: S. von Frauendorfer, Wien
Members: J. Bärner, Berlin
Miss B. Bjørlykke, Vollebekk
H. Gravenhorst, Buenos Aires
D. Kervégant, Versailles
M. Patava, Prague
Miss B. Shachtman, Washington, D.C.,
4. *Working Committee on Exchange of Materials*
Chairman: D. J. Maltha, The Hague
Members: Mrs. G. Duprat, Paris
L. Frykholm, Uppsala
G. Genie, Ghent
Miss A. Hernandez, Meddelin
F. C. Hirst, London
F. E. Mohrhardt, Washington, D.C.,
5. *Working Committee on Professional and Educational Problems*
Chairman: W. Gleisberg, Willinghusen bei Hamburg
Members: Mrs V. Ammundsen, Copenhagen
V. Camerani, Rome
G. Koster, Wageningen
M. V. Krenitsky, College Station, Texas

ANNUAL REPORT OF THE INTERNATIONAL ASSOCIATION OF AGRICULTURAL LIBRARIANS AND DOCUMENTALISTS (I.A.A.L.D.)

For the year ending 15 September 1957

The activities of our organization continued to follow the instructions given at the foundation meeting in Ghent (1955).

During the period under review the membership increased considerably. The total, which amounted in September 1956 to 170 members, rose to over 250 during last year. This development is mainly due to the *Quarterly Bulletin*, which is published under the editorship of D. H. Boalch (United Kingdom). It was published in its first year (1956) in processed form, and is published now in print. Beginning with vol. 2, it is available to non-members on a subscription basis through the book-trade.

The organization was still handicapped by difficulties in the activities of the Secretariat. M. Kervégant, France, took over on a provisional basis. Mr. Jenssen (F.A.O.), the secretary appointed by the constitutive meeting in Ghent (1955), handed in his resignation in August 1957. Since the Statutes of I.A.A.L.D. require that the appointment of a new secretary must be made through the General Assembly, the provisional situation with M. Kervégant as acting secretary is likely to continue for one more year. A General Assembly is planned for 1958.

With regard to the activities of the Working Committees of I.A.A.L.D., the *Committee on the Bulletin* (Chairman: D. H. Boalch, United Kingdom) held no meeting, but settled all urgent questions by correspondence. Its main task, namely the creation of a professional information bulletin, can be considered as accomplished. The *Committee on Bibliography* (Chairman: J. R. Blanchard, U.S.A.) found that two members were already engaged in completing two individual publications, which coincide practically with the work of the Committee. One is a comprehensive survey of agricultural reference books, prepared by Mr. Blanchard; the second is an equally comprehensive international list of bibliographical sources of agricultural literature (comprising all related and allied subjects) compiled by Prof. Lauche, Völkenrode, Germany. Both books are expected to be published in the near future. A preliminary report on a programme of work was prepared by the chairman of the *Committee on*

Professional and Educational Problems (Prof. W. Gleisberg, Germany).

The activity of the *Committee on Classification* is synchronized with the F.I.D./I.A.A.L.D. Joint Committee on Classification on Agriculture which held a successful meeting during the sessions of the 23rd F.I.D. Conference which was convened in Paris. The meeting was held 17, 18 and 19 September 1957 in Paris. Mr. Kervégant (France) presided, and not only members attended, but also a considerable number of observers, including a representative of F.A.O. (Mr. Parsons). For the main results of this meeting see below, page 29-30.

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SUMMARY REPORT ON THE 3rd MEETING OF THE EXECUTIVE COMMITTEE OF I.A.A.L.D.

PARIS, 20 AND 21 SEPTEMBER 1957

The meeting was held on the premises of the Fondation Nationale des Sciences Politiques, Paris, under the chairmanship of Mr. F. E. Mohrhardt, U.S.A., President of I.A.A.L.D. The other participants were Dr. S. v. Frauendorfer, Austria, Vice-President, Mr. Th. P. Loosjes, Netherlands, Mr. D. H. Boalch, Great Britain, M. D. Kervégant, France and Dr. H. D. Griesau, Germany, the latter as observer and representing Prof. W. Gleisberg who was not able to come.

The Committee, after hearing the verbal report of the Acting Secretary (M. Kervégant) and after approving the statement on income and expenditure presented by the Treasurer (Mr. Loosjes), discussed the problem of the future work of the Secretariat arising from the formal resignation of the appointed secretary, Mr. H. Jansen.

Since the Statutes of I.A.A.L.D. allow for the nomination of a new secretary only by vote of a General Assembly, M. Kervégant, who was asked to act as secretary on a temporary basis at the previous session of the Executive Committee (Munich, September, 1957) was requested and agreed to continue this work until the next General Assembly, which the Committee undertakes to convene in 1958 (possibly in Vienna).

Reports were given on the activity of some of the working committees. The committee on the Bulletin carried on its work mostly by correspondence. The second year of publication of the Quarterly Bulletin of I.A.A.L.D. may be hailed as a landmark, because the hitherto mimeographed Bulletin is issued now in printed form. The number of copies issued, which has been 350 up to now, will hence forward be 400. The Bulletin is sent to over 250 members of I.A.A.L.D. and to other subscribers. Although the membership of I.A.A.L.D. is, in view of the short period of the Association's existence, surprisingly high, no effort should be spared to expand membership, especially in countries so far insufficiently represented in the organisation.

The work of the Committee on Bibliography is indirectly represented by individual contributions by two of its members. I.A.A.L.D. welcomes most heartily the work undertaken by Mr. Blanchard on

agricultural reference books and that of Dr. Lauche who has compiled a world list of agricultural bibliographies. Both books are due to be published before the end of the year.

Dr. von Frauendorfer, in his capacity as chairman of the Committee on Classification, reported on the work of the Joint FID/IAALD Committee which had just finished a busy three days' meeting the day before. A summary report on it appears on page 29 below. The critical appraisal of the UDC class 63 led to practical suggestions which will be taken care of by M. Kervégant in co-operation with FID. The Executive Committee examined the proposals of the Joint Committee on Classification with regard to the I.I.A. scheme (2d ed. 1942) which recommend that a thoroughly revised edition be issued in the near future. It was decided to accept this proposal and to proceed in 1958 to publication under the auspices of I.A.A.L.D. and under the editorship of Dr. von Frauendorfer, who will act in collaboration with the members of the I.A.A.L.D. Working Committee on Classification and with individual users of the I.I.A. classification scheme.

It was resolved that the President of I.A.A.L.D. should write to the Chairmen of the Working Committee on Exchange of Materials (Dr. D. J. Maltha) and of the Working Committee on Professional and Educational Problems (Prof. W. Gleisberg), enquiring after the progress made in the work of these two committees.

Mr. Loosjes explained to the Executive Committee a project for a trilingual Multipurpose Index on Capestat cards devised by Mr. F. AE. Koekkebakker (Centrum voor Landbouwdocumentatie, Wageningen) and himself. The Committee resolved that a pilot experiment should be carried out by the authors of the project and that the sum of 250 guilders should be made available to them for this purpose, the experiment to be reported in the Quarterly Bulletin in due course.

One of the most urgent items in the programme of work of I.A.A.L.D. is the compilation of a world directory of agricultural libraries and documentation centres. It was decided that the general editorship for this publication should be entrusted to Mr. D. H. Boalch, who will draft and circulate a questionnaire. A preliminary (processed) copy of the directory should be ready for the next General Assembly of I.A.A.L.D.

The Treasurer of I.A.A.L.D. was instructed to refund expenditure incurred in the preparation of the manuscripts of both publications (classification scheme, directory) in connection with postage, translation work, typing etc. This decision applies equally to the secretarial work carried on by the Acting Secretary, M. Kervégant.

Considerable time close attention was given to the discussion of the project of starting a bibliographic information service (con-

taining short abstracts or notes of contents) on the world literature of agricultural economics. It was realised that I.A.A.L.D. would miss a great opportunity if the possibility of assuming the leadership in making such a valuable contribution to research in a very important branch of agricultural studies were not fully utilised. The preliminary steps taken in this direction by the President and the Vice-President of I.A.A.L.D., namely to interest foundations which might support the project and professional organisations which might collaborate, were fully approved, although the difficulties of organising such an information service with an international coverage were by no means overlooked. The President was asked to pursue further his negotiations with prospective supporters and sponsors of the project and, on the other hand, to make sure that there would be no overlapping with similar plans which might be under consideration by the Commonwealth Agricultural Bureaux in Great Britain.

If no definite plans in this direction are under consideration in Great Britain, Dr. von Frauendorfer would be requested to make concrete plans for the establishing of an editorial office for the new abstracting and information service on agricultural economics and related subjects.

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FID / IAALD JOINT COMMITTEE ON CLASSIFICATION

EXCERPT FROM THE SUMMARY REPORT OF THE PARIS MEETING, 17-19 SEPTEMBER 1957

The discussions which followed were primarily concerned with the revision and further development of the Classification Scheme of Agricultural Science (2d edition, Rome, International Institute of Agriculture, 1942), although at several points reference was made to the corresponding sections of UDC and other classification schemes. The discussion was based on the introductory notes presented by Dr. von Frauendorfer, Austria, which included the following items:

1. Introduction of new main classes
2. Method of ascertaining minor gaps and imperfections
3. Consideration of the new situation created by the existence of the 'Oxford System' on forestry
4. Future international co-operation in revising the I.I.A. system
5. Possibilities of publishing a revised (3rd) trilingual edition.

It was recognized that the introduction of new main classes is necessary to cover the following topics: basic and auxiliary sciences, food and nutrition and possibly rural home-making. Other wide subjects, such as forestry, veterinary science and fisheries, were likewise discussed, but in these cases the Committee felt that no fundamental changes would be necessary, although certain modifications and expansions - partly by adapting corresponding UDC divisions - might be desirable. The use of the 'Oxford System' in an abridged form instead of the forestry class of the I.I.A. Scheme was discussed as a possibility, but the abolition of the corresponding I.I.A. section was not considered advisable. However, for the basis sciences a close co-ordination with the abridged UDC schedules was regarded as the best solution for filling this serious gap.

No time was available for discussing minor imperfections and gaps in the scheme. The working Committee on Classification of I.A.A.L.D. was considered as the appropriate agency for serving as a centre for exchange of information and for further development of the classification scheme. No objection was raised to the methods of subdividing the numbers of the main schedule according to topical and geographical viewpoints by two auxiliary tables: analytical and by countries as provided by the I.I.A. Scheme.

It was unanimously recommended that a new edition of the scheme should be prepared in the near future under the editorship of Dr. von Frauendorfer, Austria, and with the greatest possible co-operation of persons and agencies using the scheme already or otherwise interested in it. The Committee agreed that the realization of this project would fall within the competence of I.A.A.L.D.'s Executive Committee.

[This meeting will be reported more fully in a later issue of the Quarterly Bulletin. - Editor].

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WORKING COMMITTEE REPORTS

No reports from any of the Working Committees have been received by the Editor for inclusion in this issue.

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A NOTE ON THE VICE-PRESIDENT'S PAPER ON
'EXPERIENCES OF A LIBRARIAN IN SIX COUNTRIES'

Frauentorfer, Sigmund von. Bibliothekserfahrungen in sechs Ländern. (4ter Österreichischer Bibliothekartag, Innsbruck 1956). *Biblos-Schriften*, 16 (1957), pp. 21-52.

In this paper, which will be of interest to many of our members, the Vice-President of IAALD gives an account of his career in librarianship in six countries - Italy, USA, Poland, Germany, Austria and Persia. During his fifteen years as Chief Librarian of the International Institute of Agriculture at Rome he was able to apply his ideas on the classification of agricultural literature which, first propounded in a thesis in USA, were later developed in his trilingual *Stoffeinteilung der Landwirtschaftswissenschaft* (Rome, 1934; 2nd edition 1942; a 3rd edition is now being planned); for, in common with some other agricultural librarians at that time and many since, he was acutely conscious of the inadequacies of the U.D.C. for the arrangement of an agricultural library. In 1935 he founded the forerunner of our Association, the 'Comité International des Bibliothécaires Agricoles', of which he was the Secretary. Among the select list of his publications given at the end of the paper, appear (besides his Classification Scheme for Agriculture, mentioned above) the *Catalogue des périodiques possédés par la Bibliothèque [de l'] Institut International de l'Agriculture*, 1946, and (compiled in collaboration with the late Mme Camerani-Teodorova) *Les bibliothèques agricoles dans le monde*, 1939.



IMPORTANT NOTICE

The trilingual *Classification Scheme of Agricultural Science* published in 1942 by the former International Institute of Agriculture, Rome, is in urgent need of revision. The Executive Committee of IAALD, which met in Paris in September 1957, decided therefore that a new improved and enlarged edition of this classification scheme should be prepared and published in 1958 under the auspices of IAALD. This decision was based on the findings of the Joint FID/IAALD Committee on Classification which also met in Paris under the chairmanship of Monsieur D. Kervégant, Acting Secretary of IAALD, and is reported above on page 29.

All IAALD members who are using the I.I.A. scheme or are otherwise familiar with it, *are urgently requested to send their comments* on this scheme (as to gaps, terminology, need for rearrangement and other imperfections) at their earliest convenience and certainly not later than 1 March 1958 to the editor of the new edition: Dr. Sigmund v. Frauendorfer, Library, Hochschule für Bodenkultur, Wien 18/110 (Austria).

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BIBLIOGRAPHICAL NEWS

NEW PERIODICALS

(also Changes of Title, and Cessations)
from January 1955 onwards

Abstract Journals and Periodical Bibliographies

- Digest of agricultural economics. 1.1- . Oxford, Sept 1957- . Quarterly. Price £ 1.1s.0d per annum. (Agricultural Economics Research Institute, Parks Road, Oxford).
- Houghton Poultry Research Station. Abstracts of papers published 1948/56; [?1957]. Mimeographed. (Houghton Grange, Huntingdon, England).
- Lietuvos TSR Mokslu Akademijos ir jos darbuotoju knygu ir straipsniu bibliografija. Bibliografiya knig i statei Akademii Nauk Litovskoi SSR i ee sotrudnikov. 1(1941/54)- . Vilnius, 1956- . Contains sections on agriculture, agricultural engineering, plant production, soil science and veterinary medicine.
- Weed Society of America. Abstracts. 1- . [?Urbana, Ill.], 1956- .

Other Journals

- Aberystwyth. University College of Wales. Department of Animal Husbandry. Occasional papers on husbandry. 1- . Aberystwyth, [1957-].
- Acta botanica Academiae Scientiarum Hungaricae. 1- . Budapest, 1955- . (Alternative title: Acta botanica hungarica).
- Acta Universitatis Agriculturae Praha CSR. See: Prague Vysoká Školá Zemědělské. Sborník.
- Acta virologica. 1.1- . Praha, Jan/Mar 1957- . Quarterly. Text in English. Price \$ 6.20 per annum.
- Acta zoologica Academiae Scientiarum Hungaricae. 1- . Budapest, 1955- . (Alternative title: Acta zoologica hungarica).
- Advances in pest control research. 1- . New York, Interscience Publishers, 1957- .
- Agrártörténeti szemle. Historia rerum rusticarum. 1.1/2- . Gödöllő, 1957- .
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- Agricultura y comercio: ultimas noticias. (Puerto Rico Department of Agriculture & Commerce). 1- . San Juan, 15 Apr 1957- . (Apartado 10163, San Juan).
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- Agricultural lime information. 1- . London, Sept 1957- . (Eagle House, Jermyn St., London SW1.)
- Animal industry. Chikusan gijutsu. Tokyo, 1956- . *Supersedes:* Zootechny Association, Tokyo. Ho [bulletin].
- Annales agronomiques. Paris. *See under:* Versailles. Institut National de la Recherche Agronomique.
- Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös nominatae: sectio biologica. *See under:* Budapest. Eötvös Loránd Tudományegyetem . . .
- Archiv für Tierzucht. 1- . Berlin [East], Akademie-Verlag, 1957- . Bimonthly. Price DM 5 per issue.
- Archives de biologie thermo-climatique. 1- . Paris, 1956- . Quarterly. (Editeurs S.D.M.S., 37 rue du Louvre, Paris).
- Arroz del mundo. 1.1- . Houston, Jan 1955- .
- Ausschuss für Deutsche Einheit. Lage der Landwirtschaft in der Bundesrepublik. Berlin, [?]1955/56- .
- Australia. Commonwealth Scientific and Industrial Research Organization. Division of Entomology. Technical paper. 1- . Melbourne, 1957- .
- Australian Society of Animal Production. Proceedings. 1(1956)- . Armidale 1956- . Business Manager, ASAP, 226 Clarendon St., East Melbourne, Vic., Australia.) Price: £ 1 Australian.
- Bayerisches landwirtschaftliches Jahrbuch. Sonderheft. 1- . München, 1955- .
- Belmontia. Miscellaneous publications (Agricultural University, Wageningen, Laboratory of Plant Taxonomy and Geography). 1, Taxonomy; 2, Ecology; 3, Horticulture; 4, Incidental. 1- ; 1957- .
- Benaki Phytopathological Institute, Athens. Annales, new series, 1- . Kiphissia-Athens, 1957- .
- Bericht über die Ergebnisse der deutschen landwirtschaftlichen Pflanzenschutzforschung. *Continued as:* Forschungen auf dem Gebiet der deutschen landwirtschaftlichen Pflanzenschutzforschung.
- Bologna. Istituto di Allevamento Vegetale per la Cerealicoltura. Attività sperimentale: nota riassuntiva. [1]1947/56- . Bologna, 1957- .
- Bucharest. Institutul de Cercetari Alimentare. Lucrarile. 1- ; 1957- .

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- Bulgarski tyutyun. 1.2. Sofia, 1956.
- Byulleten' nauchno-tekhnicheskoi informatsii po elektrifikatsii sel'skogo khozyaistva. 1- . Moskva, 1956- . (Ministerstvo Sel'skogo Khozyaistva).
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- Chih-wu shêng t'ai hsüeh i ti chih-wu hsüeh tzü liao ts'ung k'an. (Contributions to plant ecology and phytogeography). 1- . Peking, Oct 1955- .
- Colombia. Ministerio de Agricultura. Oficina de Investigaciones Especiales. Boletín de divulgación. See: D.I.A. boletín de divulgación.
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- Communicationes veterinariae. 1.1- . Bogor, 1957- . (Faculty of Veterinary Science, Bogor, Indonesia).
- Conference on the Physics of Cloud and Precipitation Particles. Proceedings. 1(1955)- . Woods Hole, Mass., 1957- . [1 is edited by H. Weickmann and W. Smith].
- Contributions to plant ecology and phytogeography. Peking. See: Chih-wu shêng t'ai hsüeh i ti chih-wu hsüeh tzu liao ts'ung k'an.
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GENERAL AND PERSONAL INFORMATION

EXCHANGE: OFFERS & REQUESTS

The Director, Centrum voor Landbouwdocumentatie, General Foulkesweg 1A, Wageningen, offers copies of the following bibliographical lists recently compiled (numbers of references given in brackets):

- Foliar application of ureum (86)
- Social agricultural extension in the Netherlands (18)
- Social agricultural extension in the Netherlands (22)
- Graindrying (24)
- Storage of potatoes (6)
- Soil gases; composition, production and activity (69)
- Seedgrowing of grasses and foddercrops; Dutch literature (90)
- Recent books on agriculture in some important countries (30)
- Control of *Sclerotinia minor* in lettuce (12)
- Growing plants under artificial light (35)
- Citrus growing (14)
- Significance of red and white clover as sources of nitrogen for grass-land (63)
- Some publications on government support of small farmers in the Netherlands (21)
- Sugar growing in Brazil (29)
- Soils of Brazil (15)
- Diseases of flax (13)
- Polders along the French coast (12)
- Agricultural policy in Surinam after 1945 (25)
- Fruit thinning of apples (15)
- Euromarket III (22)
- Injury of crop plants by sodium chlorate (16)
- Harvesting time for apples (12)
- Alpfeeding and the composition of milk (10)
- Control of weeds in winter cereals (42)
- Deciduous trees in coniferous forests (50)
- Aluminium for milkcans and dairy equipment (25)
- Requirements for farmers. (21)
- Strawberry growing (22)
- Tobacco growing in Western Europe (18)

Influence of nitrogen fertilisation on the mineral composition of
grasses (99)
Soybean milk (36)
Xyleborus spp, observations and life cycle (9)
Euromarket II (21)

INSTITUTIONS & INDIVIDUALS

Funds have been made available to the U.S. Dept. of Agriculture by the Congress to provide new research facilities in various areas of the country for work on problems of soil and water conservation and for pilot-plant study of new wool-processing methods. Laboratories for soil and water conservation research will be located at Oxford, Miss., Watkinsville, Ga., Phoenix, Ariz., and Morris, Minn. The wool-research pilot plant will be established at Albany, Calif.

Ontario. Department of Agriculture. History of the Extension Branch, 1907-1957. Toronto, 1957. Pp. 61.

Winnipeg. Barley Improvement Institute. - From 1956 onwards, called Brewing and Malting Barley Research Institute.

FORTHCOMING CONGRESSES

Botany. 9th International Botanical Congress, Montreal, 1959. To be held at McGill University and the University of Montreal, 19-29 August 1959. (Dr. C. Frankton, Secretary-General, 9th Internat. Botanical Congress, Science Service Building, Ottawa, Ont., Canada.)

MISCELLANEA

The *Quarterly Bulletin* of IAALD has now been appearing for two years. How far is it meeting the bibliographical needs of the Association's members? In what respects could it be improved and made more useful?

The Editor would welcome criticism and suggestions from members, who are invited to send them, either in an open letter for publication in the Bulletin or in a private communication, to him at Rothamsted Exp. Station, Harpenden, Herts, England.

Frauendorfer, S. von. Ungelöste Probleme der agrarwirtschaftlichen Dokumentation. In: Schrifttum der Bodenkultur, 9(1957), pp. 1*-3*.

- In this paper the Vice-President of IAALD writes of the need for an abstract journal on agricultural economics. The action to be taken on this matter by IAALD is described above on page 27-28.

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INDEX TO BIBLIOGRAPHIES IN THE U.S.D.A. 'BIBLIOGRAPHY OF AGRICULTURE'

contributed by
MARGARET BRYANT (U.S.D.A., Washington)

V

(21.8 and 9, August & September 1957)

<i>Subject</i>	<i>Number in USDA Bibl. 21(1957)</i>	<i>Subject</i>	<i>Number in USDA Bibl. 21(1957)</i>
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Agriculture	70574	Fruit juice	69386
Agriculture, USSR	70559	Grape juice	69386
Animal mutations	72173	Grape juice proteins	69436
Antibiotics in food processing	65912	Grapes, chemistry	69437
Antibiotics in livestock nutrition	65912	Human nutrition	81248
Apiculture	67362	Humus	64501
Artemisia	64172	Insects, Finland	67183
Bark utilization	65813, 65814, 75592, 75593	Insects, Italy	77095
Barley malting	78817	Irrigation, Peru	64852
Botany	61705, 71458	Lichens	61939, 71686
Botany, Finland	61753	Linseed meal	75748
Brewing	78817	Literature	70910
Carrot culture	63986	Lupine diseases	62373
Carrot utilization	63986	Meteorology	71379, 81394
Chelates	63058	Milk analysis	68943
Chicory	69385	Milk prices	69040
Co-operative organizations	81099	Mosquitoes	77761
Corrosion and anti-corrosives	78730	Musci	61901
Credit co-operatives	80393	Newcastle disease	76750
Dairy cattle, milk production	66313	Oils and fats	69983
Detergent	69983	Olive processing	69593
Employment	70500	Periodicals, Germany	81248
Entomology, New Zealand	77122	Phytopathology	62023
Ephedra	64173	Plant biochemistry	72554
Explosives	68166	Plant breeding	72198
Fertilizers	64501	Plant mutations	72173
Films	70944, 70945	Plant pests	62023
Films, Germany	81301	Plant physiology	62669
Food freezing	78726	Pulp and paper	65674
Food marketing	78667	Regional planning	80904
Forest mensuration	75037	Rice	69794
Forestry	74867	Rice culture	63201
		Rice nutritive value	63201
		Spiders	67456
		Tobacco composition	70267
		Tomato physiology	72264

ABBREVIATIONS

Compiled by

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with the assistance of

GORDON HUGHES

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III

JAC - Jeunesse Agricole Catholique (France)
 JAJCC - Joint Aviation Telecommunications Co-ordination Committee (U.K.)
 JCEC - Joint Communication Electronics Committee (U.S.A.)
 JCET - Joint Committee on Educational Television (U.S.A.)
 JCRR - Joint Commission (Chinese-American) on Rural Reconstruction (China)
 JDREMC - Joint Departmental Radio and Electronics Measurements Committee (U.K.)
 JEIA - Joint Export-Import Agency (U.K. & U.S.A.)
 JENER - Joint Establishment for Nuclear Energy Research (Netherlands & Norway)
 JETEC - Joint Electron Tube Engineering Council (U.S.A.)
 JFRO - Joint Fisheries Research Organisation (N.Rhodesia & Nyasaland)
 JIC - Joint Industrial Council (U.K.)
 JIFA - Japanese Institute of Foreign Affairs
 JIOA - Joint Intelligence Objectives Agency
 JLSC - Joint Electronics Standardisation Committee (U.K.)

JMRP - Joint Meteorological Radio Propagation Sub-Committee (U.K.)
 JNPP - Junta Nacional dos Produtos Pecuários (Portugal)
 JRB - Joint Radio Board (U.S.A.)
 JSWB - Java Suiker Werkgevers Bond
 JTAC - Joint Technical Advisory Committee (U.S.A.)
 JUF - Jordbruksare-Ungdomen Forbunds (Sweden)
 KABSU - Kansas Artificial Breeding Service Unit (U.S.A.)
 KAU - Kenya African Union
 KCZB - Kaascontrolestation Zuid-Holland-Brabant
 KES - Kwaliteitsbureau voor te Exporteren Schapen (Netherlands)
 KIWA - Keuringsinstituut voor Waterleidingsartikelen (Netherlands)
 KIZ - Algemeen Keuringsinstituut van de Bond van Nederlandse Handelaren in Zaaigras, Zaaizaad en Pootgoed (Netherlands)
 KLM - Koninklijke Luchvaart Maatschappij (Netherlands)
 KLTV - Katholieke Vereniging van Land- en Tuinbouwonderwijzers (Netherlands)

- KNCU** - Kilimanjaro Native Co-operation Union Ltd (Tanganyika)
- KNJBTB** - Katholieke Nederlandse Jonge Boeren- en Tuindersbond
- KNLC** - Koninklijk Nederlands Landbouw Comité
- KNSM** - Koninklijke Nederlandse Stoomboot Maatschappij
- KSO** - Klaedegrossisternes og Skraedderfagets Oplysningsudvalg (Denmark)
- KSOS** - Central-Sultana-Raisins Co-operative Organisation (Greece)
- KVNT** - Koninklijke Vereniging 'Het Nederlandse Trekpaard'
- KWV** - Ko-operatieve Wijnbouwers Vereniging van Zuid-Afrika
- KYDEP** - Home Products Handling Administration (Greece)
- LAB** - Laboratory Animals Bureau (U.K.)
- LACSA** - Lineas Aereas Constarricenses (S.America)
- LADE** - Lineas Aereas del Estado (Argentina)
- LAFC** - Latin American Forestry Commission
- LAI** - Linee Aeree Italiane
- LAN** - Linea Aerea Nacional (Chile)
- LAS** - League of Arab States
- LASCA** - Los Angeles State and County Arboretum (U.S.A.)
- LASRA** - Leather and Shoe Research Association (N.Z.)
- LAV** - Linea Aeropostal Venezolana
- LCF** - Labour Co-operative Farms (Bulgaria)
- LCT** - Laboratoire Central de Télécommunications (France)
- LEF** - Lantbruksakademiens Kommité for Ekonomisk Forskning (Sweden)
- LEI** - Landbouw Economisch Instituut (Netherlands)
- LHF** - Landbo- og Husmandsforeningernes (Denmark)
- LIDASE** - Lecturer in Design and Analysis of Scientific Experiments (U.K.)
- LILA** - Ligue Internationale de la Librairie Ancienne
- LIRAR** - Les Ingenieurs Radio Reunis (France)
- LIRI** - Leather Industries Research Institute (S. Africa)
- LKAB** - Luossavaara-Kiirunavaara Company (Sweden)
- LOB** - Landelijke Organisatie van Bedrijfspluimveehouders (Netherlands)
- LOBE** - Landelijke organisatie van Bedrijfseendenhouders (Netherlands)
- LOF** - Landelijke Organisatie van Fokkers (Netherlands)
- LOG** - Landbrukets Emballasjeforretning og Gartneres Felleskjøp (Norway)
- LOS** - Landelijke Organisatie van Pluimveeselecteurs (Netherlands)
- LOV** - Landelijke Organisatie van Vermeerderaars (Netherlands)
- LPA** - Local Planning Authority (U.K.)
- LSRH** - Laboratoire Suisse de Recherches Horlogères
- LT** - Lantbrukssällskapets Tidskriftsaktiebolag (Sweden)
- LU** - Ligue Universelle
- LZT** - Beurs voor Landbouw Zuivel en Techniek (Netherlands)
- MAC** - Ministerio de Agricultura y Cria (Venezuela)
- MAF** - Ministry of Agriculture and Fisheries (later MAFF) (U.K.)
- MAFF** - Ministry of Agriculture, Fisheries and Food (U.K.)
- MAHISSA** - Maíces Híbridos y Semillas, S.A (Spain)

MAPI - Machinery and Allied Products Institute (U.S.A.)
MBS - Mutual Broadcasting System (U.S.A.)
MCA - Malayan-Chinese Association
MCC - Mennonite Central Committee (U.S.A.)
 Mississippi Chemical Corporation (U.S.A.)
MCPS - Mechanical Copyright Protection Society (U.K.)
MCS - Mechanical Cultivation Services (Greece)
MCS - Military College of Science (U.K.)
MCSU - Melkcontrolestation Utrecht (Netherlands)
MCT - Manchester College of Technology (U.K.)
MCTA - Mild Coffee Trade Association (E. Africa)
MCWA - Massey College Wool Association (N.Z.)
MEKOG - N.V. Maatschappij tot Exploitatie van Kooksovgassen (Netherlands)
MERL - Mechanical Engineering Research Laboratory (U.K.)
MERO - Mechanical Engineering Research Organisation (U.K.)
MERRA - Middle East Relief and Rehabilitation Administration
MERU - Mechanical Engineering Research Unit (S. Africa)
MESPF - Malayan Estates Staff Provident Fund
MFGB - Miners Federation of Great Britain
MFP - Ministry of Fuel and Power (U.K.)
MIA - Murrumbidgee Irrigation Area (Australia)
MIIC - Mouvement International des Intellectuels Catholiques
MIIT - Milletlerarasi İktisadi İşbirliği Teskilâtı (Turkey)
MIMC - Marconi International Marine Communication Company

MIPN - Mouvement Italien pour la Protection de la Nature
MMA - Meter Manufacturers Association (U.K.)
MOI - Ministry of Information (U.K.)
MOJMRP - Meteorological Office, Joint Meteorological Radio Propagation Sub-Committee (U.K.)
MOS - Ministry of Supply (U.K.)
MOSID - Ministry of Supply Inspection Department (U.K.)
MOT - Ministry of Transport (U.K.)
MPPF - Malayan Planters Provident Fund
MRD - Microbiological Research Department (U.K.)
MSEUE - Mouvement Socialiste pour les Etats-Unis d'Europe
MSIRI - Mauritius Sugar Industry Research Institute
MTCA - Ministry of Transport and Civil Aviation (U.K.)
MTOL - Meat Transport Organisation Ltd. (U.K.)
MUCM - Mouvement Universel pour Confédération Mondiale
MURA - Midwestern Universities Research Association (U.S.A.)
MV - Metropolitan-Vickers Electric Co., Ltd (U.K.)
MVHA - Mississippi Valley Historical Association (U.S.A.)
MWTCO - Marconi's Wireless Telegraph Co. Ltd (U.K.)
NAAB - National Association of Artificial Breeders (U.S.A.)
NAACP - National Association for the Advancement of Coloured Peoples
NABBB - National Accumulation of British Bulk Buyers
NABET - National Association of Broadcast Employees and Technicians (U.S.A.)
NABT - National Association of Biological Teachers (U.S.A.)

NACA - National Advisory Committee for Aeronautics (U.S.A.)
 National Agricultural Chemicals Association (U.S.A.)
NAEB - National Association of Educational Broadcasters (U.S.A.)
NAEC - National Aeronautical Establishment, Canada
 National Agricultural Engineering Corporation (China)
NAHI - Nederlands Agronomisch Historisch Instituut
NAHRI - National Animal Husbandry Research Institute (Denmark)
NAIRO - National Association of Intergroup Relations Officials (U.S.A.)
NAKB - Nederlandsche Algemeene Keuringsdienst voor Boomkwekerijgewassen
NAL - National Air Lines (U.S.A.)
NALSAT - National Association of Land Settlement Association Tenants (U.K.)
NAM - Nederlandsche Aardolie Maatschappij
NAME - National Association of Marine Engineers of Canada
NAMO - National Association of Marketing Officers (U.S.A.)
NAMPUS - National Association of Master Plumbers of the United States
NAMRU - Unites States Naval Medical Research Unit
NARBA - North American Regional Broadcasting Agreement
NARI - Natal Agricultural Research Institute (S.Africa)
NARIC - National Rice and Corn Corporation (Philippines)
NARTB - National Association of Radio and Television Broadcasters (U.S.A.)
NARTEL - North Atlantic Radio Telephone Committee

NASCO - National Agricultural Supply Co. (U.S.A.)
NASW - National Association of Social Workers (U.S.A.)
NAT - Nämnden för avkommeundersökning av tjurar (Sweden)
NATCC - National Air Transport Coordinating Committee (U.S.A.)
NATO - North Atlantic Treaty Organisation
NBC - National Book Council (U.K.)
 National Broadcasting Corporation (U.S.A.)
NBER - National Bureau of Economic Research (U.S.A.)
NBRI - National Building Research Institute (S.Africa)
NCACC - National Civil Aviation Consultative Committee (U.K.)
NCAI - National Congress of American Indians
NCBA - National Chinchilla Breeders of America
NCGGO - Nationaal Centrum voor Grasland- en Groenvoederonderzoek (Belgium)
NCLB - Nederlandse Christelijke Landarbeidersbond
NCNC - National Council of Nigeria and the Cameroons
NCRL - National Chemical Research Laboratory (S.Africa)
NCRV - Nederlandsche Christelijke Radio Vereniging
NCSR - National Council for Social Research (S.Africa)
NCTM - National Council of Teachers of Mathematics (U.S.A.)
NCUR - National Committee for Utilities Radio (U.S.A.)
NDA - National Dairymens' Association (U.K.)
NDRC - National Defence Research Council (U.K.)

NEAVB - National Employers Association of Vehicle Builders (U.K.)
 NED - Nederlandse Emigratiedienst
 NEDECO - Nederlands Ingenieursbureau voor Buitenlandse Werken
 NEF - Norsk Elektroteknisk Forening (Norway)
 NEFC - Near East Forestry Commission
 NEFTIC - Northeastern Forest Tree Improvement Conference (U.S.A.)
 NEIS - National Egg Information Service (now BEIS) (U.K.)
 NEMO - National Egg Marketing Organisation (U.K.)
 NEPP - National Egg and Poultry Promotion (U.K.)
 NETO - Noordelijke Economisch-Technologische Organisatie (Netherlands)
 NEV - Nederlandsche Entomologische Vereniging
 NEVI - Nederlands Vlasinstituut
 NFBcA - National Film Bureau of Canada
 NFG - Nordwestdeutsche Futter-
 saatbaugesellschaft
 NFGC - National Federation of Grain Cooperatives (U.S.A.)
 NFJM - National Foundation for Junior Museums (U.S.A.)
 NFPA - National Flaxseed Processors Association (U.S.A.)
 NFUDCL - National Farmers Union Development Co., Ltd
 NGB - National Garden Bureau (U.S.A.)
 NGC - Stichting Nederlands Graan Centrum
 NGO - Non-Governmental Organisations
 NGTE - National Gas Turbine Establishment (U.K.)
 NHA - National Horse Association of Great Britain

NHDAA - National Home Demonstration Agents Association (U.S.A.)
 NHM - Nederlandse Heidemaatschappij
 NHMRCa - National Health and Medical Research Council of Australia
 NHSS - National Home Study Council (U.S.A.)
 NIAE - National Institute of Agricultural Engineering (U.K.)
 NIBEM - Nationaal Instituut voor Brouwerij, Mout en Bier (Netherlands)
 NIBS - Nippon Institute for Biological Science (Japan)
 NIDER - Netherlands Institute for Documentation and Registration
 NIF - Norske Ingeniørforening (Norway)
 NIMR - National Institute of Medical Research
 NIO - National Institute of Oceanography (U.K.)
 NIPL - Nederlands Instituut voor Personeelsleiding
 NIPR - National Institute for Personnel Research (S.Africa)
 NIR - Belgisch Nationaal Instituut voor Radio-Omroep
 NIV - Nederlands Instituut voor Volksvoeding
 NIVE - Netherlands Institute for Efficiency
 NJAC - National Joint Advisory Council (U.K.)
 NKF - Norges Kjøtt og Fleskesentral (Norway)
 NKLB - Noord-Nederlandse Coöperatieve Eierhandel
 NKS - Norsk Kjemisk Selskap (Norway)
 NLL - Nationaal Luchtvaartlaboratorium (Netherlands)
 NLTF - Norsk Landbruks teknisk Forening (Norway)
 NLVF - Norges Landbruksvitenskap

skapelige Forskningsråd (Norway)
 NMK - Norse Marconi Kompani
 NMOC - National Marketing Organisation Committee
 NMPC - National Milk Publicity Council (U.K.)
 NMTAS - National Milk Testing and Advisory Service (U.K.)
 NNGA - Northern Nut Growers Association (U.S.A.)
 NOSA - National Occupational Safety Association (S.Africa)
 NPAC - National Project in Agricultural Communication (U.S.A.)
 NPC - National Patent Council (U.S.A.)
 NPFA - National Playing Fields Association (U.K.)
 NPI - Norsk Produktivitetsinstitutt (Norway)
 NPPI - National Poultry Improvement Plant (U.S.A.)
 NPO - Nederlandse Pluimvee Organisatie
 NPPF - National Poultry Producers Federation (U.S.A.)
 NPPTB - National Pig Progeny Testing Board (U.K.)
 NPRFCA - National Petroleum Radio Frequency Co-ordinating Association (U.S.A.)
 NRA - National Reclamation Association (U.S.A.)
 NRIC - National Reserves Investigation Committee (U.K.)
 NRL - Naval Research Laboratory (U.S.A.)
 Nelson Research Laboratory (U.K.)
 NRU - Nederlandsche Radio-Unie
 NSACS - National Society for Abolition of Cruel Sports (U.K.)
 NSFGA - Nova Scotia Fruit Growers Association (Canada)
 NSFRC - National Soil and Fer-

tiliser Research Committee (U.S.A.)
 NSGT - Non-Self Governing Territories
 NTEA - National Tax Equality Association (U.S.A.)
 NTH - Norges Tekniske Høgskole (Norway)
 NTS - Nederlandsche Televisie Stichting
 NTSC - National Television System Committee (U.S.A.)
 NTT - Nippon Telegraph and Telephone Public Corporation
 NUPE - National Union of Public Employees (U.K.)
 NURT - National Union of Retail Tobacconists (U.K.)
 NVC - Nederlands Vrouwen Comité.
 NVEV - Nederlandse Vrouwen Electriciteitsvereniging
 NVM - Nederlandse Vuilafvoer Maatschappij
 NVVW - Nederlandse Vereniging tot Verbetering van het Welsumer
 NWA - North West Airlines (U.S.A.)
 NWDA - National Wholesale Druggist Association (U.S.D.A.)
 NYO - New York Operations Office
 NYSEM - New York Society of Electron Microscopists
 NYUIMS - New York University Institute of Mathematical Sciences
 NZAB - New Zealand Association of Bacteriologists
 NZASc - New Zealand Association of Scientists
 NZBS - New Zealand Broadcasting Service
 NZCER - New Zealand Council for Educational Research
 NZDA - New Zealand Dietetic Association
 NZEI - New Zealand Electronics Institute

NZES - New Zealand Ecological Society
NZFMRA - New Zealand Fertiliser Manufacturers Research Association
NZFS - New Zealand Forest Service
NZGA - New Zealand Grassland Association
NZGenS - New Zealand Genetical Society
NZGS - New Zealand Geographical Society
NZIC - New Zealand Institute of Chemistry
NZIE - New Zealand Institution of Engineers
NZIF - New Zealand Institute of Foresters
NZIRE - New Zealand Institute of Refrigeration Engineers
NZInstW - New Zealand Institute of Welding
NZJCB - New Zealand Joint Communications Board
NZSA - New Zealand Statistical Association
NZSAP - New Zealand Society of Animal Production
NZSCA - New Zealand Soil Conservation Association
NZSLO - New Zealand Scientific Liaison Office
NZSSS - New Zealand Society of Soil Science
NZVA - New Zealand Veterinary Association
NZWCC - New Zealand Weed Control Conference
OAS - Ohio Academy of Science (U.S.A.)
Organisation of American States
OB - Ordnance Board (U.K.)
OBAP - Office Belge pour l'Accroissement de la Productivité (Belgium)
OBRA - Overseas Broadcasting Representatives Association (U.K.)

OCP - Offices des Céréales Panifiables (Syria)
OCRA - Office Commercial du Ravitaillement et de l'Agriculture (Belgium)
OD - Office of Distribution (U.S.A.)
ODBA - Oregon Dairy Breeders Association (U.S.A.)
OEA - Organisation of American States
OFALAC - Office Algérien d'Action Economique et Touristique
OFITEC - Office Tunisien de l'Expansion Commerciale et du Tourisme
OING - Organisations Internationales Non-Gouvernementales
OIP - Société Belge d'Optique et d'Instruments de Précision
OIR - Organisation Internationale pour les Réfugiés
Organisation Internationale de Radiodiffusion
OIRSA - Organismo Internacional Regional de Sanidad Agropecuaria (Central America)
OIS - Office of Investigatory Services (U.S.A.)
OIT - Organisation International du Travail
OKISZ - National Handicrafts Co-operative Society (Hungary)
OL - Office of Labour (U.S.A.)
OLM - Overijse Landbouwmatschappij (Netherlands)
OMF - Office of Marketing Facilities (U.S.A.)
OMFP - Officine Meccan. Ferroviarie Pistoiesi (Italy)
OMS - Office of Marketing Services (U.S.A.)
ONDAH - Office National des Débouchés Agricoles et Horticoles (Belgium)
ONERA - Office National d'Etudes et de Recherches Aéronautiques (France)

ONIB - Office National Interprofessionnel du Blé (France)
 OPAC - Office des Produits Agricoles de Costermansville (Congo Belge)
 OPAS - Office des Produits Agricoles de Stanleyville (Congo Belge)
 OPEG - OEEC Petroleum Emergency Group
 OPZ - Österreichisches Produktivitäts-Zentrum (Austria)
 ORAMEI - Oeuvre Reine Astrid de la Mère et de l'Enfant Indigènes (Belgian Congo)
 ORANA - Organisme de Recherches sur l'Alimentation et la Nutrition Africaine
 ORB - Operational Research Branch (U.S.A.)
 ORG - Operational Research Group (U.K.)
 ORNL - Oak Ridge National Laboratory (U.S.A.)
 ORSTOM - Office de la Recherche Scientifique et Technique d'Outre-Mer (France)
 OS - Office of Supply (U.S.A.)
 OSNZ - Ornithological Society of New Zealand
 OSR - Organisation for Scientific Research (Indonesia)
 OSRD - Office of Scientific Research and Development (U.S.A.)
 OSTs - Official Seed Testing Station (U.K.)
 OSZH - National Co-operative Credit Institute (Hungary)
 OTA - World Touring and Automobile Organisation
 OTK - Co-operative Wholesale Association (Finland)
 OVM - Onderlinge Verzekeringsmaatschappij (Netherlands)
 PA - Direction de la Production Agricole (France)
 PAA - Pan-American Airways

PACA - Perishable Agricultural Commodities Act (U.S.A.)
 PACB - Pan-American Coffee Bureau
 PACDIS - Pacific Area Communicable Disease Information Service (Philippines)
 PACRA - Pottery and Ceramics Research Association (N.Z.)
 PAFLU - Philippine Association of Free Labour Unions
 PAHMC - Pan-American Homeopathic Medical Congress
 PAIMEG - Pan-American Institute of Mining Engineering and Geology
 PAL - Pioneer Air Lines (U.S.A.)
 PAMA - Pan-American Medical Association
 PASB - Pan-American Sanitary Bureau
 PAVE - Philippine Association for Vocational Education
 PAW - Proefstation voor Akkeren Weidebouw (Netherlands)
 PAWA - Pan-American World Airways
 PBO - Publiekrechtelijke Bedrijfsorganisatie (Netherlands)
 PCA - Production Credit Association (U.S.A.)
 PCC - Palestine Conciliation Commission
 PCCC - Pakistan Central Cotton Committee
 PCEA - Programa Cooperativo de Experimentación Agropecuaria (Peru)
 PCSAS - Policy Committee for Scientific Agricultural Societies (U.S.A.)
 PDAF - Provincial Department of Agriculture and Forestry (China)
 PDCA - Purebred Dairy Cattle Association (U.S.A.)
 PDE - Projectile Development Establishment (U.K.)
 PEA - Poultry Education Association (U.K.)

cultural (N.Z.) ffee Bu-	PEAT - Programme Élargi d'Assistance Technique des Nations Unies	PPCS - Primary Producers Co-operative Society (N.Z.)
ommun- ication	PERA - Production Engineering Research Association (U.K.)	PPDA - Produce Prepackaging Development Association, Ltd (U.K.)
eramics (N.Z.) ociation	PFRA - Prairie Farm Rehabilitation (Canada)	PPMC - Produce Prepackaging Machinery Co. (U.K.)
Homeo- s Institu- ing and	PGV - Proefstation voor de Groenteteelt in de Volle Grond (Netherlands)	PRD - Polytechnic Research and Development Co. (U.S.A.)
(U.S.A.) Medical	PHILCOA - Philippine Coconut Administration	PRISCO - Price Stabilisation Corporation (Philippines)
Sanitary	PHILCUSA - Philippine Council for U.S.Aid	PRODES - Productores de Semillas, S.A. (Spain)
ociation on Akker- lands) World	PICMME - Provisional Intergovernmental Committee for the Movement of Migrants from Europe	PRRM - Philippine Rural Reconstruction Movement
Bedrijfs- (s) Associ-	PICV - Permanent International Commission of Viticulture	PRUCIS - Philippine Rural Community Improvement Society
ciliation	PIDA - Pig Industry Development Authority	PSA - Pacific Seedsmen's Association (U.S.A.)
Cotton	PIDC - Pakistan Industrial Development Corporation	PTAS - Productivity and Technical Assistance Secretariat (U.K.)
operativo gropecu-	PIIF - Pakistan International Industrial Fair	PTIDG - Presentation of Technical Information Discussion Group (U.K.)
ittee for Societies	PINAC - Permanent International Association of Navigation Congresses	PTR - Physikalisch-Technische Reichsanstalt (Germany)
ment of ry (Chi-	PIOSA - Pan-Indian Ocean Science Association	PUA - Pacific Union Association
y Cattle	PIRI - Paint Industries Research Institute (S.Africa)	PUAS - Postal Union of the Americas and Spain
ment Es-	PKWZ - Przedsiębiorstwo Kolportażu Wydawnictw Zagranicznych (Poland)	PUWP - Polish United Workers Party
n Associ-	PLUNA - Primeras Lineas Uruguayas de Navegación Aérea	PWC - Peoples World Convention
	POED - Post Office Engineering Department (U.K.)	PWCA - Peoples World Constituent Assembly
	POEM - Palm Oil Estates Managers (Africa)	PYTA - Producción Transformaciones Agrícolas (Spain)
		QCGA - Queensland Cane Growers Association
		QEA - Qantas Empire Airways (Australia)

CORRIGENDA

Title-page to Volume 2 of this Quarterly Bulletin:

By a printer's error this appeared, in the previous (October) issue, on the back of page 175, where it is useless. A single sheet carrying the title-page is accordingly inserted loose in this issue.

A NOTE ON THIS QUARTERLY BULLETIN

The editorial office is at the Library, Rothamsted Experimental Station, Harpenden, Herts., England.

Communications regarding it should be sent to Mr. D. H. Boalch at that address.

News in the field of the bibliography and documentation of agriculture and allied subjects is welcomed. Short articles (about 1500 words) and letters to the Editor will be published in the Quarterly Bulletin from time to time; these should be in English, French, German, or Spanish. Articles, in whatever language they are written, should have an English summary.

Note: This Quarterly Bulletin is obtainable through membership of the International Association of Agricultural Librarians and Documentalists. The annual subscription of 50 Swiss francs (£4.2.6d; \$12.50) for Institutes or Libraries, or 10 Swiss francs (£0.16.6d; \$2.50) for individuals, should be sent to the Treasurer, Th. P. Loosjes, Twentse Bank, Wageningen, Netherlands.

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Some institutions find it necessary to subscribe through a bookseller to IAALD. Will they kindly notify the treasurer of this fact, so that they may be recorded in the membership list and qualify for the rights of members.

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